

### QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information		
<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b> GOL	<b>2. Award Identification Number</b> NT10BIX5570045	<b>3a. DUNS Number</b> 161202122
		<b>3b. EIN</b> 396006492
<b>4. Recipient Organization (Name and complete address including country, congressional district, and zip code)</b> University of Wisconsin System Research & Sponsored Programs 21 N. Park St., STE 6401, Madison, WI 53715-1218		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b> 09-30-2010	<b>6. Is this the last Report of the Award Period?</b> <input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.</b>		
<b>7a. Typed or Printed Name and Title of Certifying Official</b>  John P Freeman  Accountant	<b>7c. Telephone (area code, number and extension)</b>  6088903068	<b>7d. Email Address</b>  jpfreeman@rsp.wisc.edu
<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  11-02-2010	

**Project Indicators (This Quarter)**

**1. Please describe significant project accomplishments completed during this quarter (150 words or less).**  
 Environmental Assessment (EA) consultant, Bonestroo, produced an EA report to identify any NEPA, NHPA and Endangered Species Act compliance issues as well as perform required section 106 and section 7 consultations with the State of WI Historical Society and US Fish and Wildlife Service. During the period, we continued to make substantial progress on network design. We participated on conference calls and performed information gathering to complete a draft EA in collaboration with our consultant for NTIA comment. UW participated in NTIA financial, reporting and environmental assessment calls/webinars. Additionally, UW has begun development of a website (<http://www.mufn.org>) and other communication media to convey information to stakeholders, participants and vendors. UW expects to launch the MUFN website in Q4-2010. UW completed development of a fiber construction bid, executed a request for bid process and awarded the construction bid to Intercon Construction, Inc.

**2. Please provide the percent complete for the following key milestones in your project. Write "N/A" in the second column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (100 words or less).**

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2a.	Overall Project	11	Did not obtain FONSI as expected in 3Q2010 so no construction activities have commenced. Completed fiber construction bid and selected contractor for first 3 of 6 service areas
2b.	Environmental Assessment	95	UW has completed section 7 and 106 consultations and draft 2 of EA (after 1 round of NTIA comments). UW is awaiting NTIA comments from the EA submission and FONSI determination.
2c.	Network Design	92	EA required us to finalize routes much faster than originally planned (or known when we submitted modified baseline) in order to submit plans to SHPO, THPOs and EA consultant.
2d.	Rights of Way	25	N/A
2e.	Construction Permits and Other Approvals	0	Expected to obtain FONSI in 3Q2010 but did not such that we do not have permission to acquire permits yet
2f.	Site Preparation	0	N/A
2g.	Equipment Procurement	0	N/A
2h.	Network Build (all components - owned, leased, IRU, etc)	0	N/A
2i.	Equipment Deployment	0	N/A
2j.	Network Testing	0	N/A
2k.	Other (please specify):	0	N/A

**3. To the extent not covered above, please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (150 words or less).**  
 FONSI delayed due to significant delays at the WI Historical Society (SHPO). SHPO took 90 days to finalize our section 106 consultation due to backlog of stimulus grant projects rather than an estimated 45 days. Could use expedient review if not FONSI determination of our submitted EA documentation by NTIA if at all possible in order to complete some construction activities before WI winter sets in.

**4. Please report the following information regarding network build progress. Write "N/A" in the second column if your project does not include this activity. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (100 words or less).**

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	0	N/A
New network miles leased	20	We were unable to complete a fiber agreement to lease 11 miles of fiber in 2Q2010 and 3Q2010; we have a verbal agreement with UW Hospital & Clinics and are developing a written agreement to be executed in 4Q2010
Existing network miles upgraded	0	N/A
Existing network miles leased	0	N/A

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Number of miles of new fiber (aerial or underground)	0	N/A
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of interconnection points	4	Didn't add 2 points of interconnect (POI) as expected as 11mi fiber lease agreement did not get executed in 3Q2010

For questions 5 and 6 please include information relating to agreements that you are negotiating or have entered into, or that your subrecipient, contractor or subcontractor is negotiating or entered into.

5a. If applicable, please provide the following information with regard to agreements with broadband wholesalers and/or last mile providers as a result of your project.

Indicators	
Number of signed agreements with broadband wholesalers or last mile providers	1
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	2
Average term of signed agreements	5

**5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements. Providers:**  
 Xicom d/b/a Mad City Broadband

**5c. What wholesale services are being provided by this project? Please describe below. As an attachment to this report, please provide pricing plans (in \$ per month) associated with each wholesale service provided by your product. Wholesale services description:**  
 MUFN wholesale services offered by the project include point-to-point dark fiber and point-to-point wavelength services (where fiber IRUs permit). See attached document (BTOP-MUFN-PricingPlan.pdf)

**5d. If you have designated a third party to operate all or a portion of your network, please provide the name and contact information for this third party, indicate if this entity is a subrecipient, contractor, and/or subcontractor, and describe with specificity the portion of your network this third party operates (150 words or less).**  
 The City of Madison in collaboration with UW and Xicom d/b/a Mad City Broadband will operate the network together. UW and the City are formalizing and finalizing the relationships now as a contractor and the City is finalizing its relationship with Xicom as a subcontractor.

**6. Please provide the data according to the type of subscriber. Write "N/A" if your project does not pass or serve a particular subscriber type. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (100 words of less).**

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Broadband Wholesalers or Last Mile Providers	Providers with signed agreements receiving new access	0	N/A
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	1	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A - dark fiber; users can pick their own baseband speed/signaling type (i.e. ethernet) or light fiber via wave-division multiplexing
Community Anchor Institutions (including Government institutions)	Total subscribers served	3	Mad City Broadband agreement complete though no FONSI so no 4th location
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	3	N/A
	Please identify the speed tiers that are available and the number or subscribers for each	0	N/A as our project involves dark fiber where users can pick their own baseband speed/signaling type (i.e. ethernet) or light fiber via wave-division multiplexing
Residential / Households	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Businesses	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A

**7. Please describe any special offerings you may provide (150 words or less).**

N/A

**8a. Have your network management practices changed over the last quarter?**  No  Yes

**8b. If so, please describe the changes (150 words or less).**

N/A

**9. Community Anchor Institutions:**

Using the table below, please provide a list by service area of the community anchor institutions (including Government institutions) connected to your network as a result of BTOP funds. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent calendar year. Also indicate whether your organization is currently providing broadband service to the anchor institution. Finally, provide a short narrative description with examples of how institutions are using BTOP-funded infrastructure (100 words or less).

Institution Name	Service Area (town or county)	Type of Anchor Institution (as defined in your baseline)	Are you also the broadband service provider for this institution? (Yes / No)	Narrative description of how anchor institutions are using BTOP-funded infrastructure
N/A	N/A	N/A	N/A	No community anchor institutions (CAI) connected yet via BTOP funds as we haven't started construction yet (no FONSI yet)
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A

**Project Indicators (Next Quarter)**

**1. Please describe significant project accomplishments planned for completion during the next quarter (150 words or less).**

UW submitted a 2nd draft MUFN Environmental Assessment (EA) and anticipate a FONSI in 4Q2010. We completed the fiber construction bid that will include construction permitting, material acquisition and placement and post-installation (as-built) documentation activities. Upon receipt of the FONSI, we expect to begin construction on East Washington Ave and Mineral Point Road service areas. Finally, we expect to have our website <http://www.mufn.org> in operation by the beginning of 4Q2010.

**2. Please provide the percent complete for the following key milestones in your project. Write "N/A" in the second column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (100 words or less).**

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a.	Overall Project	20	Expect to acquire materials for 3 of 6 service areas which comprise 40% of total project. Anticipate FONSI approximately 11/17 leaving 15-30 days (maximum) of fiber construction before winter sets.
2b.	Environmental Assessment	100	N/A
2c.	Network Design	100	Finalizing slack and splice locations in engineering plans for 3 service areas
2d.	Rights of Way	25	N/A
2e.	Construction Permits and Other Approvals	15	Didn't receive FONSI such that we are not permitted to take out permits yet
2f.	Site Preparation	100	N/A
2g.	Equipment Procurement	0	Expecting FONSI in 4Q2010 such that final ordering, receipt and installation will be delayed to 1Q2011
2h.	Network Build (all components - owned, leased, IRU, etc.)	0	N/A
2i.	Equipment Deployment	0	N/A
2j.	Network Testing	0	N/A
2k.	Other (please specify):	0	N/A

RECIPIENT NAME:GOL  
AWARD NUMBER: NT10BIX5570045  
DATE: 2010-11-02 09:03:09

OMB CONTROL NUMBER: 0660-0037  
EXPIRATION DATE: 12-31-2010

**3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (150 words or less).**

Winter construction in WI is difficult and expensive. UW is concerned we will receive FONSI too late to undertake construction in calendar year 2010; delaying us until ~4/15/2011.

**Infrastructure Budget Execution Details**

**Activity Based Expenditures (Infrastructure)**

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

Budget for Entire Project				Actuals from Project Inception through End of Current Reporting Period			Anticipated Actuals from Project Inception through End of Next Reporting Period		
Cost Classification	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Administrative and legal expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Land, structures, right-of-ways, appraisals, etc.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$537,264	\$0	\$0	\$0	\$0	\$0	\$45,000	\$4,230	\$40,770
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000	\$940	\$9,060
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$8,180,587	\$3,753,242	\$4,427,345	\$3,223,242	\$3,223,242	\$0	\$450,000	\$42,300	\$407,700
j. Equipment	\$131,764	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>l. SUBTOTAL (add a through k)</b>	<b>\$8,859,615</b>	<b>\$3,753,242</b>	<b>\$4,427,345</b>	<b>\$3,223,242</b>	<b>\$3,223,242</b>	<b>\$0</b>	<b>\$505,000</b>	<b>\$47,470</b>	<b>\$457,530</b>
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTALS (sum of l and m)</b>	<b>\$8,859,615</b>	<b>\$3,753,242</b>	<b>\$4,427,345</b>	<b>\$3,223,242</b>	<b>\$3,223,242</b>	<b>\$0</b>	<b>\$505,000</b>	<b>\$47,470</b>	<b>\$457,530</b>

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income: \$0	b. Program Income to Date: \$0
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